

ABSTRACT OF THE DISCLOSURE

An anode and a battery using same as provided. The battery has a winding electrode body wherein a cathode and an anode are layered and wound with a separator and an electrolyte layer, which hold an electrolyte solution in a holding body
5 therebetween. The anode has an anode collector, an anode active material layer, and a layer including silicon oxide. The anode active material layer includes Si or alloy thereof, is formed by a vapor-phase method, a liquid phase method a sinter method, or the like, and is alloyed with the anode collector on at least a portion of interface between the anode active material layer and the anode collector. The layer includes a
10 silicon oxide that includes silicon dioxide, and has a thickness of about 50 nm or more. Reaction between the anode active material layer and the electrolyte solution at high temperatures is inhibited by the layer including silicon oxide.